PTO/SB/05 (06-03)

Approved for use through 07/31/2003. OMB 0651-0032

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

| | | Attorney Docket No. J5460.0016/P016 | | | | | | | |
|--|---|--|--|--|--|--|--|--|--|
| UTILITY | First II | nventor John L. Janning | | | | | | | |
| PATENT APPLICATION |] | METHOD OF FABRICATING A ZENER DIODE | | | | | | | |
| TRANSMITTAL | Title | CHIP FOR USE AS A SHUNT IN CHRISTMAS TREE LIGHTING | | | | | | | |
| (Only for new nonprovisional applications under 37 CFR 1.53(b)) | Expres | ss Mail Label No. | | | | | | | |
| | LAPIO | | | | | | | | |
| APPLICATION ELEMENTS | | MS Patent Application Commissioner for Patents R O Roy 1450 | | | | | | | |
| See MPEP chapter 600 concerning utility patent application cont | | P.O. Box 1450 Alexandria, VA 22313-1450 | | | | | | | |
| Fee Transmittal Form (e.g., PTO/SB/17) (Submit an original, and a duplicate for fee processing) | | 7 CD-ROM or CD-R in duplicate, large table or | | | | | | | |
| Applicant claims small entity status. | | 8 Nucleotide and/or Amino Acid Sequence Submission | | | | | | | |
| See 37 CFR 1.27. | , | (if applicable, all necessary) a. Computer Readable Form (CRF) | | | | | | | |
| 3. X Specification [Total Pages 19] (preferred arrangement set forth below) | <u>a</u>] 1 | a. Computer Readable Form (CRF) b. Specification Sequence Listing on: | | | | | | | |
| Descriptive title of the invention Cross Reference to Related Applications | | i. CD-ROM or CD-R (2 copies); or ii. Paper | | | | | | | |
| Statement Regarding Fed sponsored R & D Reference to sequence listing, a table, | | c. Statements verifying identity of above copies | | | | | | | |
| or a computer program listing appendix - Background of the Invention | | ACCOMPANYING APPLICATIONS PARTS | | | | | | | |
| Brief Summary of the Invention Brief Description of the Drawings (if filed) | | 9. X Assignment Papers (cover sheet & document(s)) | | | | | | | |
| Detailed Description Claim(s) | | 10. 37 CFR 3.73(b) Statement Power of | | | | | | | |
| - Abstract of the Disclosure | | (when there is an assignee) | | | | | | | |
| | 4 1 | 11. English Translation Document (if applicable) | | | | | | | |
| 5. Oath or Declaration [Total Sheets | 4] | 12. Information Disclosure Copies of IDS Statement (IDS)/PTO-1449 Citations | | | | | | | |
| a. X Newly executed (original or copy) | | 13. Preliminary Amendment | | | | | | | |
| b. Copy from a prior application (37 CFR 1.63(d)) (for continuation/divisional with Box 18 completed) | | 14. Return Receipt Postcard (MPEP 503) (Should be specifically itemized) | | | | | | | |
| i. DELETION OF INVENTOR(S) | 15. Certified Copy of Priority Document(s) (if foreign priority is claimed) | | | | | | | | |
| Signed statement attached deleting inventor(s) named in the prior application, | | 16. Nonpublication Request under 35 U.S.C. 122 (b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent. | | | | | | | |
| see 37 CFR 1.63(d)(2) and 1.33(b). | | 17. X Other: Petition to Make Special | | | | | | | |
| 6. Application Data Sheet, See 37 CFR 1.76 | |] ··· [A] • ·· • · | | | | | | | |
| _ | and supp | ly the requisite information below and in the first sentence of the specification | | | | | | | |
| following the title, or in an Application Data Sheet under 37 CFI | R 1.76: | | | | | | | | |
| Continuation Divisional Continuation | n-in-part (C | CIP) of prior application No.: | | | | | | | |
| Prior application information: Examiner For CONTINUATION or DIVISIONAL APPS only: The entire | disclosur | Art Unit: e of the prior application, from which an oath or declaration is supplied under | | | | | | | |
| Box 5b, is considered a part of the disclosure of the accompany | ying conti | inuation or divisional application and is hereby incorporated by reference. | | | | | | | |
| The incorporation can only be relied upon when a portion has be a portion has be a portion by the second se | | NDENCE ADDRESS | | | | | | | |
| X Customer Number: | | 24998 OR X Correspondence address below | | | | | | | |
| DICKSTEIN SHAPIRO MORIN | 2 001 | HINSKATTD | | | | | | | |
| Stephen A. Soffen | i & OSi | · · | | | | | | | |
| Address 2101 L Street NW | | | | | | | | | |
| City Washington Sta | te | DC Zip Code 20037-1526 | | | | | | | |
| Country US Tel | ephone | (202) 785-9700 Fax (202) 887-0689 | | | | | | | |
| Name (Print/Type) Stephen A. Soffen | | Registration No. (Attorney/Agent) 31,063 | | | | | | | |
| Signature Signature | off | Date August 5, 2003 | | | | | | | |

Date

August 5, 2003

PTO/SB/17 (05-03)

Approved for use through 04/30/2003. OMB 0651-0032

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

| 08/05 | 16179 U |
|-------|---------|
| /03 | S. PTO |

Signature

| EEE TO ANOMITTAL | | C mplete if Known | | | | | | | | | |
|--|--------------|---|-----------------------------|------|-----|--|--|--------------------|----------|--|--|
| FEE TRANSMITTAL | | Application Number Not yet Assign | | | | | | | | | |
| for FY 2003 | | Filing Date August 5, 2003 | | | | | , 2003 | | | | |
| Effective 01/01/2003, Patent fees are subject to annual revision. | | First Named Inventor John L. Janning | | | | | anning | | | | |
| | | Examiner Name Not Yet Assigned | | | | | | Assigned | | | |
| X Applicant claims small entity status. See 37 CFR 1.27 | | Art Unit Not Yet Assigned | | | | | | | | | |
| TOTAL AMOUNT OF PAYMENT (\$) 415.00 | | Attorney Docket No. J5460.0016/P016 | | | | | | 16/P016 | | | |
| METHOD OF PAYMENT (check all that apply) | | FEE CALCULATION (continued) | | | | | | | | | |
| Check V Credit Money Other None 3 ADDITIONAL FEES | | | | | | | | | | | |
| Card Corder C | | | | | | | | | | | |
| Deposit Account | Laro | Large Entity Small Entity | | | | | | | | | |
| Deposit Account 04-1073 | Fee | Fee | Fee Fee Fee Fee Description | | | | cription | | | | |
| Number | Code | (\$) | Cod | ie (| \$) | | . 00 5030 | ,,,p.,,,,, | Fee Paid | | |
| Deposit Account Dickstein Shapiro Morin & | 1051 | 130 | 205 | 51 € | 35 | Surcharge | e – late filing fe | e or oath | | | |
| Name Oshinsky LLP The Director is hereby authorized to: (check all that apply) | 1052 | 50 | 205 | 2 2 | 25 | Surcharge sheet. | Surcharge – late provisional filing fee or cover | | | | |
| Charge fee(s) indicated below X Credit any overpayments | 1053 | 130 | 105 | 3 1 | 30 | | on-English specification | | | | |
| Charge any additional fee(s) during the pendency of this | 1812 | 2,520 | 181 | 2 2! | | • | ing a request for ex parte reexamination | | | | |
| application | 1 | 920* | | | | - | equesting publication of SIR prior to | | | | |
| Charge fee(s) indicated below, except for the filing fee | 1804 | | 180 | | | Examiner | action | | | | |
| to the above-identified deposit account. | 1805 | · | 180 | | | Examiner | uesting publication of SIR after miner action | | | | |
| FEE CALCULATION | 1251 | 110 | 225 | | | | for reply within | | | | |
| 1. BASIC FILING FEE | 1252 | | 225 | | | | | n second month | | | |
| Large Entity Small Entity Fee Fee Fee Fee Fee Pescription Fee Paid | 1253 | | 225 | | 65 | | for reply within | | | | |
| Code (\$) Code (\$) | 1254 | · i | 225 | | | | | n fourth month | | | |
| 1001 750 2001 375 Utility filing fee 375.00 | 1255 | · 1 | 225 | | | Extension | | | | | |
| 1002 330 2002 165 Design filing fee | 1401 | 320 320 | 240 | | | Notice of A | | | | | |
| 1003 520 2003 260 Plant filing fee 1004 750 2004 375 Reissue filing fee | 1402 1403 | 280 | 240 240 | | | Filing a brief in support of an appeal Request for oral hearing | | | | | |
| 1005 160 2005 80 Provisional filing fee | 1451 | 1,510 | 145 | | | Petition to | ├ <i>─</i> ─┤ | | | | |
| · | 1452 | 110 | 245 | | 55 | | revive – unav | • | | | |
| SUBTOTAL (1) (\$) 375.00 | 1453 | 1,300 | 245 | 3 6 | 50 | Petition to | revive - uninte | entional | | | |
| 2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE | 1501 | 1,300 | 250 | 1 6 | 50 | Utility issue | e fee (or reissu | ле) | | | |
| Extra Fee from Claims below Fee Paid | 1502 | 470 | 250 | 2 2 | 35 | Design iss | ue fee | | | | |
| Total Claims 15 -20** = x = 0.00 | 1503 | 630 | 250 | 3 3 | 15 | Plant issue | e fee | | | | |
| Independent 3 -3** = x = x | 1460 | 130 | 146 | 0 1 | 30 | Petitions to | the Commiss | sioner | | | |
| Multiple Dependent = | 1807 | 50 | 180 | 7 5 | 60 | Processing | g fee under 37 | CFR 1.17(q) | | | |
| Large Entity Small Entity | 1806 | 160 | 180 | 6 1 | 60 | Submissio | n of Informatio | nn Disclosure Stmt | | | |
| Fee Fee Fee Fee Code (\$) Fee Description | 8021 | 40 | 802 | :1 4 | | | each patent a | ssignment per | 40.00 | | |
| 1202 18 2202 9 Claims in excess of 20 | 1809 | 750 | 280 | 9 3 | 75 | Filing a sul | bmission after | final rejection | | | |
| 1201 84 2201 42 Independent claims in excess of 3 | 1 | | | | | (37 CFR 1 | .129(a)) idditional inver | ation to be | } | | |
| 1203 280 2203 140 Multiple dependent claim, if not paid | 1810 | 750 | 281 | 0 3 | | | (37CFR 1.129 | | | | |
| 1204 84 2204 42 ** Reissue independent claims over original patent | 1801 | 750 | 280 | | | • | | xamination (RCE) | | | |
| 1205 18 2205 9 ** Reissue claims in excess of 20 | | 900 | 180 | 2 90 | | | or expedited ex n application | kan imauon | | | |
| and over original patent | Other | Other fee (specify) | | | | | | |] | | |
| SUBTOTAL (2) (\$) | *Redu | *Reduced by Basic Filing Fee Paid SUBTOTAL (3) (\$) 40.00 | | | | | | | | | |
| **or number previously paid, if greater; For Reissues, see above | | | | _ | | | | | | | |
| SUBMITTED BY | | | | | _ | | Complete (| if applicable) | | | |
| Name (Print/Type) Stephen A. Soffen | | ration No ey/Agent) | | 1,06 | 3 | | Telephone | (202) 828-4879 |) | | |